

Project Audit



Project:

KING CATCOIN

March 02, 2022



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KING CATCOIN

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Overview

This audit has been prepared for **KING CATCOIN** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point:

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
– SpyWolf Team

Smart Contract Summary

Contract Name	KINGCATCOIN
Ticker	KCAT
Contract	0xCBB55d3d5Ad7664dB7E87C89ED21299f9f3706c9
Network	Binance Smart Chain
Language	Solidity
Tax	Reflect fee: 1% Liquidity fee: 1% Marketing fee: 3% Total: 5%
Total Supply	500,000,000
Status	Not launched yet

Current stats

Burn	16% of total supply
LP Address	0x346958Aa0105F12c4e694B5CB3f4c8F27F503272 100% of liquidity is burned
MaxTxAmount	No limit

Smart Contract Statistics

Transfer Count	4859
Uniq Senders	486
Uniq Receivers	656
Total Amount	2125487481 KCAT
Median Transfer Amount	40704 KCAT
Average Transfer Amount	437433 KCAT
First transfer date	2022-02-27
Last transfer date	2022-03-02
Days tokens Transfer	4

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

Featured Wallets

Owner address	0xecF7fcEEC4E6Cc90AadBE5983a5B126c01c877eb
LP token address	0x346958Aa0105F12c4e694B5CB3f4c8F27F503272

Top 3 Unlocked Wallets

Wallet 1 (3.08%)	0xa7218d485bb0668111b31acfbbd4de968530adfb
Wallet 2 (2.61%)	0x8e0abc051db37c5c48cafa15913a52c240eca415
Wallet 2 (2.57%)	0x337f882976d77eeef56d11236af11e59f6aacec4

Locked Wallets

Wallet 1 (12%)	0x7ee058420e5937496F5a2096f04caA7721cF70cc PinkLock contract – Unlocks at 2022.03.16 ⚠
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Tokenomics

Current State

- 100% of liquidity is burned which means the devs can't withdraw it.
- There are 8.78% of total tokens supply, available for trading in the liquidity pair.

Top 5 holders hold ~12% of total tokens supply. If they sell simultaneously or in short intervals of time this will lead to significant price drop. (-90%+) ⚠

12% of total supply Unlocks at 2022.03.16 ⚠

Security Threads

Owner can blacklist address from trading, making it impossible to sell

```
function setBlacklistAddress(address account, bool enabled) external onlyOwner() {  
    if (_isBlacklisted[account] != enabled)  
        _isBlacklisted[account] = enabled;  
}
```

Owner can change max transaction limit, making it impossible to sell if set to 0

```
function setMaxTxPercent(uint256 percent, uint256 divisor) external onlyOwner() {  
    require(divisor <= 10000); // Cannot set lower than 0.01%  
    _maxTxAmount = _tTotal.mul(percent).div(divisor);  
    maxTxAmountUI = startingSupply.mul(percent).div(divisor);  
}
```

Owner can change buy/sell fees up to 33% (combined buy+sell=66%)

```
uint256 private masterTaxDivisor = 10000;  
uint256 private maximumTaxesPercent = 3300;  
  
function setTaxes(uint256 reflectFee, uint256 liquidityFee, uint256 marketingFee, uint256 buyBackFee, uint256 devFee) external onlyOwner() {  
    require(reflectFee + liquidityFee + marketingFee + buyBackFee + devFee <= maximumTaxesPercent);  
    _reflectFee = reflectFee;  
    _liquidityFee = liquidityFee;  
    _marketingFee = marketingFee;  
    _buyBackFee = buyBackFee;  
    _devFee = devFee;  
}  
  
function setBoostedTaxes(uint256 reflectFee, uint256 liquidityFee, uint256 marketingFee, uint256 buyBackFee, uint256 devFee) external onlyOwner() {  
    require(reflectFee + liquidityFee + marketingFee + buyBackFee + devFee <= maximumTaxesPercent);  
    _boostedReflectFee = reflectFee;  
    _boostedLiquidityFee = liquidityFee;  
    _boostedMarketingFee = marketingFee;  
    _boostedBuyBackFee = buyBackFee;  
    _boostedDevFee = devFee;  
}  
  
function calculateTaxFee(uint256 _amount) private view returns (uint256) {  
    return _amount.mul(_reflectFee).div(masterTaxDivisor);  
}  
  
function calculateLiquidityFee(uint256 _amount) private view returns (uint256) {  
    return _amount.mul(_liquidityFee.add(_buyBackFee).add(_marketingFee).add(_devFee)).div(masterTaxDivisor);  
}
```

KING CATCOIN

Project & Team Review

The native token for KING CATCOIN project is \$KCAT. Current utility for \$KCAT is % reflections from each transaction to token holders.

According to their roadmap, there will be development of staking and NFT.

Team:

 KYC by SpyWolf

https://spywolf.network/assets/kyc/2022/march/KYC_King_Catcoin_0xCBB55d3d5Ad7664dB7E87C89ED21299f9f3706c9.png



Website Analysis

URL: <https://kingcatcoin.net>

- **Design:** Nice design, smooth colors transition.
- **Content:** Informative, well structured, no grammar mistakes.
- **Whitepaper:** No whitepaper. ⚠
- **Roadmap:** Goals set in 4 phases without time frames.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



Social Media & Online Presence



Telegram

<https://t.me/KingCatcoinBSC>

- 621 members
- Active members
- Active mods



Twitter

<https://twitter.com/KingCATCOIN>

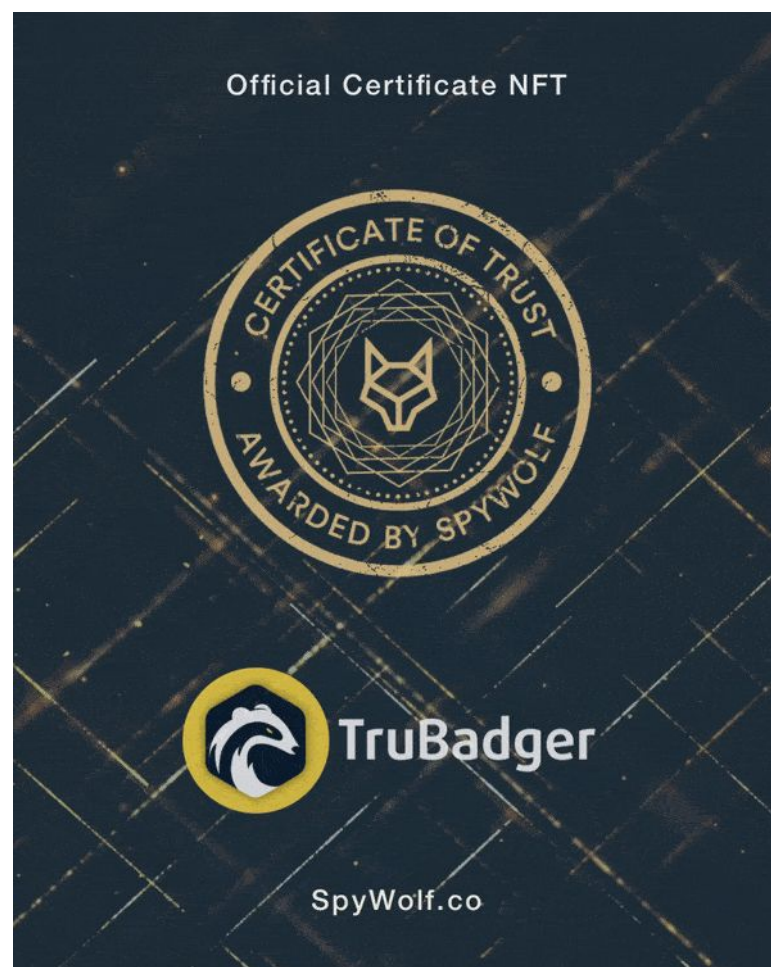
- 134 Followers
- Active



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: SpyWolf.co
- Portal: SpyWolf.network
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.